

INSTRUC PVDFCF15

Polyvinylidene Fluoride
Infinity LTL Engineered Compounds

Message:
INSTRUC PVDFCF15 is a Polyvinylidene Fluoride (PVDF) product filled with 15% carbon fiber. It is available in North America.

General Information			
Filler / Reinforcement	Carbon Fiber,15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.76	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	97.2	MPa	ASTM D638
Tensile Elongation (Yield)	1.0 to 3.0	%	ASTM D638
Flexural Modulus	7930	MPa	ASTM D790
Flexural Strength	134	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	80	J/m	ASTM D256
Unnotched Izod Impact	430 to 530	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+6	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	216 to 232	°C	
Mold Temperature	65.6 to 93.3	°C	
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	40 to 70	rpm	

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Recommended distributors for this material

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